



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 57479

Application ID: 10698180



Title of Invention: OPTIMAL SPREADER SYSTEM,  
DEVICE AND METHOD FOR FLUID  
COOLED MICRO-SCALED HEAT  
EXCHANGE

First Named Inventor: Girish Upadhyia

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-30

Effective Receipt Date: 2004-03-19

Submission Type: Information Disclosure  
Statement

Filing Type:

Confirmation number: 9903

Attorney Docket Number: NONE


Total Fees Authorized:

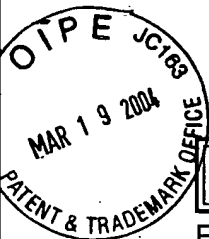
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**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	<b>OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE</b>									
<b>Application Number:</b> 10/698180 										
<b>Date:</b> 2003-10-30										
<b>First Named Applicant:</b> Girish Upadhya										
<b>Confirmation Number:</b> 9903										
<b>Attorney Docket Number:</b>										
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<table border="1"><thead><tr><th><b>Submitted by:</b></th><th><b>Elec. Sign.</b></th><th><b>Sign. Capacity</b></th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			<b>Submitted by:</b>	<b>Elec. Sign.</b>	<b>Sign. Capacity</b>	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
<b>Submitted by:</b>	<b>Elec. Sign.</b>	<b>Sign. Capacity</b>								
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney								
<table><tr><td><b>Documents being submitted</b></td><td><b>Files</b></td></tr><tr><td>us-ids</td><td>COOL00800B-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			<b>Documents being submitted</b>	<b>Files</b>	us-ids	COOL00800B-usidst.xml		us-ids.dtd		us-ids.xsl
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us-ids	COOL00800B-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
<b>Comments</b>										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD  
FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE

Application Number: 10/698180



Confirmation Number: 9903

First Named Applicant: Girish Upadhya

Attorney Docket Number:

Search string: ( 5508234 or 5514832 or 5514906 or 5544696  
or 5548605 or 5575929 or 5579828 or 5585069  
or 5641400 or 5692558 or 5696405 or 5703536  
or 5704416 or 5727618 or 5759014 or 5763951  
or 5800690 or 5801442 or 5835345 or 5836750  
or 5858188 or 5863708 or 5869004 or 5870823  
or 5874795 or 5876655 or 5880017 or 5880524  
or 5901037 or 5936192 or 5940270 or 5942093  
or 5964092 or 5965001 or 5965813 or 5978220  
or 5997713 or 5998240 or 6007309 or 6010316  
or 6013164 or 6019882 or 6054034 or 6068752  
or 6090251 or 6096656 or 6100541 or 6101715  
or 6119729 or 6126723 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5508234	1996-04-16	Dusablon, Sr. et al.			
	2	5514832	1996-05-07	Dusablon, Sr. et al.			
	3	5514906	1996-05-07	Love et al.			
	4	5544696	1996-08-13	Leland			
	5	5548605	1996-08-20	Benett et al.			
	6	5575929	1996-11-19	Yu et al.			
	7	5579828	1996-12-03	Reed et al.			
	8	5585069	1996-12-17	Zanzucchi et al.			
	9	5641400	1997-06-24	Kaltenbach et al.			
	10	5692558	1997-12-02	Hamilton et al.			

	11	5696405	1997-12-09	Weld
	12	5703536	1997-12-30	Davis et al.
	13	5704416	1998-01-06	Larson et al.
	14	5727618	1998-03-17	Mundinger et al.
	15	5759014	1998-06-02	Van Lintel
	16	5763951	1998-06-09	Hamilton et al.
	17	5800690	1998-09-01	Chow et al.
	18	5801442	1998-09-01	Hamilton et al.
	19	5835345	1998-11-10	Staskus et al.
	20	5836750	1998-11-17	Cabuz
	21	5858188	1999-01-12	Soane et al.
	22	5863708	1999-01-26	Zanzucchi et al.
	23	5869004	1999-02-09	Parce et al.
	24	5870823	1999-02-16	Bezama et al.
	25	5874795	1999-02-23	Sakamoto
	26	5876655	1999-03-02	Fisher
	27	5880017	1999-03-09	Schwiebert et al.
	28	5880524	1999-03-09	Xie
	29	5901037	1999-05-04	Hamilton et al.
	30	5936192	1999-08-10	Tauchi
	31	5940270	1999-08-17	Puckett
	32	5942093	1999-08-24	Rakestraw et al.
	33	5964092	1999-10-12	Tozuka et al.
	34	5965001	1999-10-12	Chow et al.
	35	5965813	1999-10-12	Wan et al.
	36	5978220	1999-11-02	Frey et al.
	37	5997713	1999-12-07	Beetz, Jr. et al.
	38	5998240	1999-12-07	Hamilton et al.
	39	6007309	1999-12-28	Hartley
	40	6010316	2000-01-04	Haller et al.
	41	6013164	2000-01-11	Paul et al.
	42	6019882	2000-02-01	Paul et al.
	43	6054034	2000-04-25	Soane et al.
	44	6068752	2000-05-30	Dubrow et al.
	45	6090251	2000-07-18	Sundberg et al.
	46	6096656	2000-08-01	Matzke et al.

	47	6100541	2000-08-08	Nagle et al.
	48	6101715	2000-08-15	Füesser et al.
	49	6119729	2000-09-19	Oberholzer et al.
	50	6126723	2000-10-03	Drost et al.

Signature

Examiner Name	Date